

Off-Highway Recreational Vehicles Exhaust Emission Standards Based on Chassis-Based Testing ^a, HC^b / CO (Durability Period)

Off-Highway Recreational Vehicles and Engines ^a , HC ^b / CO (Durability Period)	1998 ^c	1999 ^d	2000	2001	2002	2003	2004	2005	2006	2007 +
Off-Road Motorcycles and All-Terrain Vehicles with Engines > 90 cc	1.2 / 15.0 (5 years or 10,000 km)									
Off-Road Motorcycles and All-Terrain Vehicles with Engines ≤ 90 cc or Less (g/km)	—		1.2 / 15.0 (5 years or 10,000 km)							
Off-Road Sport Vehicles and Off-Road Utility Vehicles	—									1.2 / 15.0 (5 years or 10,000 km)
Sand Cars	—									1.2 / 15.0 (5 years or 10,000 km)
Golf Carts in Federal Ozone Non-Attainment Areas ^e	Zero Emission									

a) Vehicles and engines that do not meet the applicable emission standards may be certified for sale subject to use restrictions.

b) Compliance with the HC emission standard to be applied as a corporate average.

c) These standards apply to all off-highway recreational vehicles and engines used in such vehicles produced on or after January 1, 1997, which is effectively applicable to 1998 model year and subsequent.

d) All-terrain vehicles with engines 90 cc or less would not have to comply with the standards until January 1, 1999, which is effectively applicable to 2000 model year and subsequent.

e) Golf carts in ozone attainment area may be equipped with spark-ignition engines meeting the small off-road engine standards.

Off-Highway Recreational Vehicles Exhaust Emission Standards Based on Optional Engine-Based Testing^a, HC+NOx/CO (Durability Period)

Optional Engine-Based Testing: All-Terrain Vehicle with Engines < 225 cc (g/kW-hr)	16.1 ^b / 400 (5 years or 10,000 km)									
Optional Engine-Based Testing: All-Terrain Vehicle with Engines ≥ 225 cc (g/kW-hr)	13.4 ^b / 400 (5 years or 10,000 km)									
Optional Engine-Based Testing: Off-Road Sport Vehicles and Off-Road Utility Vehicles (g/kW-hr)	—									12.0 ^b / 400 (5 years or 10,000 km)
Optional Engine-Based Testing: Sand Cars	—									13.4 ^b / 400 (5 years or 10,000 km)

a) All-Terrain Vehicles, Off-Road Sport Vehicles, Off-Road Utility Vehicles, and Sand Cars may use the utility test procedures set forth in the "California Exhaust Emission Standards and Test Procedures for 1995-2004 Small Off-Road Engines," as incorporated by reference in CCR, title 13, section 2403(d). The test cycle is limited to the 6-mode Test Cycle A only.

b) Compliance with the optional HC+NOx standard to be applied as a "corporate average". Each engine family shall have only one applicable standard.

Off-Highway Recreational Vehicles and Engines Evaporative Emission Standards

Vehicle and Model Year	Emission Component	Permeation Standard	Test Temperature
All Off-Highway Recreational Vehicles 2008 and Later (grams per square meter per day)	Fuel Tank Permeation	1.5	28°C (82°F)
	Hose Permeation	15.0	23°C (73°F)